

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. APPM/4714.D1	Serial No. 09/625,336
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT		Applicant Kori, et al.	Confirmation No.: 1763
(Use several sheets if necessary)		Filing Date July 25, 2000	Group 1763
Examiner Unknown			

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
W	A1	4,813,846	03/21/89	Helms	414	744.1	04/29/87
	A2	4,917,556	04/17/90	Stark et al.	414	217	05/26/89
	A3	4,951,601	08/28/90	Maydan, et al.	118	719	06/23/89
	A4	5,000,113	03/19/91	Wang et al.	118	723	12/19/86
	A5	5,186,718	02/16/93	Tepman et al.	29	25.01	04/15/91
	A6	5,205,077	04/27/93	Wittstock	51	165 R	08/28/91
	A7	5,234,561	08/10/93	Randhawa et al.	204	192.38	08/25/88
	A8	5,259,881	11/09/93	Edwards, et al.	118	719	05/17/91
	A9	5,286,296	02/15/94	Sato et al.	118	719	01/09/92
	A10	5,609,689	03/11/97	Kato et al.	118	719	06/03/96
	A11	5,667,592	09/16/97	Boitnott et al.	118	719	04/16/96
	A12	5,674,786	10/07/97	Turner et al.	437	225	06/05/95
	A13	5,695,564	12/09/97	Imahashi	118	719	08/03/95
	A14	5,730,801	03/24/98	Tepman et al.	118	719	08/23/94
	A15	5,788,447	08/04/98	Yonemitsu et al.	414	217	08/05/96
	A16	5,788,799	08/04/98	Steger, et al.	156	345	06/11/96
	A17	5,801,634	09/01/98	Young et al.	340	635	09/08/97
	A18	5,856,219	01/05/99	Naito et al.	438	241	08/18/97
	A19	5,866,213	02/02/99	Foster et al.	427	573	07/19/97
	A20	5,866,795	02/02/99	Wang et al.	73	1.36	03/17/97
	A21	5,882,165	03/16/99	Maydan et al.	414	217	09/10/97
	A22	5,882,413	03/16/99	Beaulieu et al.	118	719	07/11/97
✓	A23	5,928,389	07/27/99	Jevtic	29	25.01	10/21/96

Examiner *K. Moore* Date Considered *7/9/02*

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. APPM/4714.D1	Serial No. 09625 336
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT		Applicant Kori, et al.	Confirmation No.:
(Use several sheets if necessary)		Filing Date July 25, 2000	Group 1762
Examiner Unknown			

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Examiner *Kilgore* Date Considered *7/10/02*

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(PTO Form 1449 modified)		APPM/4714.D1	09/625336
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT		Applicant	Confirmation No.:
		Kori, et al.	
(Use several sheets if necessary)		Filing Date	Group
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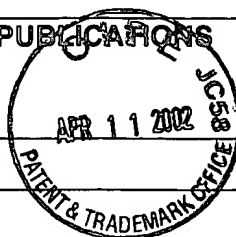
Foreign Patent Documents

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Examiner *K. W. W.* Date Considered *7/10/02*

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Examiner Unknown		July 25, 2000	1763

**Foreign Patent Documents**

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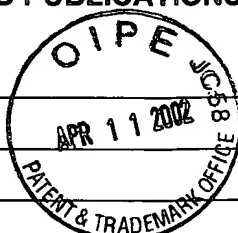
K. Kori

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Foreign Patent Documents

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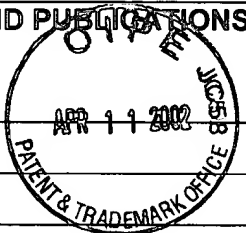
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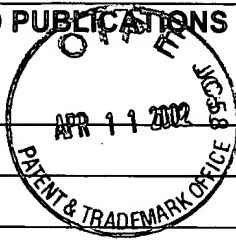
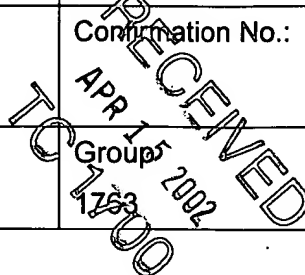
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Examiner *K. Moore* Date Considered *7/10/02*

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	B126	10-188840	07/21/1998	JP	H01J	29/18	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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Examiner <i>K. L. Doe</i>	Date Considered <i>7/10/02</i>
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U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. APPM/4714.D1	Serial No. 09/625,366
SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT		Applicant Kori, et al.	Confirmation No.: 2002
(Use several sheets if necessary)		Filing Date July 25, 2000	Group 1763
Examiner Unknown			



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*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.	
<i>mu</i>	C1	Ohba, et al., "Thermal Decomposition of Methylhydrazine and Deposition Properties of CVD TiN Thin Films", Conference Proceedings, Advanced Metallization for ULSI Applications in 1993 (1994), pp. 143-149	
<i>mu</i>	C2	Scheper, et al., "Low-temperature deposition of titanium nitride films from dialkylhydrazine-based precursors", Materials Science in Semiconductor Processing 2 (1999), pp. 149-157	
<i>mu</i>	C3	Suzuki, et al., "A 0.2-μm contact filing by 450°C-hydrazine-reduced TiN film with low resistivity", IEDM 92-979, pp. 11.8.1 – 11.8.3	
<i>mu</i>	C4	Suzuki, et al., "LPCVD-TiN Using Hydrazine and TiCl ₄ ", VMIC Conference (June 8-9, 1993), pp. 418-423	
<i>mu</i>	C5	IBM Tech. Disc. Bull. "Knowledge-Based Dynamic Scheduler in Distributed Computer Control, (June 1990), pp. 80-84	
<i>mu</i>	C6	IBM Tech. Disc. Bull. "Multiprocessor and Multitasking Architecture for Tool Control of the Advanced via Inspection Tools" (May 1992), pp. 190-191	
<i>mu</i>	C7	McGeachin, S., "Synthesis and properties of some β-diketimines derived from acetylacetone, and their metal complexes", Canadian J. of Chemistry, Vol. 46 (1968), pp.1903-1912	
<i>mu</i>	C8	Solanki, et al., "Atomic Layer deposition of Copper Seed Layers", Electrochemical and Solid State Letters, 3(10) (2000), pp. 479-480	
<i>mu</i>	C9	NERAC.COM Retro Search: Atomic Layer Deposition of Copper, dated October 11, 2001	
<i>mu</i>	C10	NERAC.COM Retro Search: Atomic Layer Deposition / Epitaxy Aluminum Oxide Plasma, dated October 2, 2001	
<i>mu</i>	C11	NERAC Search abstract of "Atomic Layer deposition of Ta and Ti for Interconnect Diffusion Barriers", by Rosnagel, et al., J. Vac. Sci. & Tech., 18(4) (July 2000)	
<i>mu</i>	C12	Abstracts of articles re atomic layer deposition	
<i>mu</i>	C13	Abstracts of search results re atomic layer deposition, search dated January 24, 2002	
<i>mu</i>	C14	Abstracts of articles re atomic layer deposition and atomic layer nucleation	
<i>mu</i>	C15	Abstracts of articles re atomic layer deposition and semiconductors and copper	
Examiner	<i>K Moore</i>		Date Considered <i>7/11/02</i>

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SUPPLEMENTAL LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT		Applicant	Confirmation No.:
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Examiner Unknown		July 25, 2000	1763

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	C16	Abstracts of articles – atomic layer deposition
	C17	NERAC Search – Atomic Layer Deposition, search dated October 16, 2001
<i>mu</i>	C18	Bader, et al., "Integrated Processing Equipment", Solid State Technology, Cowan Pub., Vol. 33, No. 5 (May 1, 1990), pp. 149-154
<i>mu</i>	C19	Choi, et al., "The effect of annealing on resistivity of low pressure chemical vapor deposited titanium diboride", J. Appl. Phys. 69(11) (June 1, 1991), pp. 7853-7861
<i>mu</i>	C20	Choi, et al., "Stability of TiB ₂ as a Diffusion Barrier on Silicon", J. Electrochem. Soc. 138(10) (October 1991), pp. 3062-3067
	C21	"Cluster Tools for Fabrication of Advanced devices" Jap. J. of Applied Physics, Extended Abstracts, 22nd Conference Solid State Devices and Materials (1990), pp. 849 – 852 XP000178141 (ARTICLE ON ORDER – TO BE PROVIDED)
<i>mu</i>	C22	"Applications of Integrated processing", Solid State Technology, US, Cowan Pub., Vol 37, No. 12 (December 1, 1994), pp. 45-47
	C23	Kitigawa, et al., "Hydrogen-mediated low temperature epitaxy of Si in plasma-enhanced chemical vapor deposition", Applied Surface Science (2000), pp. 30-34 (ARTICLE ON ORDER – TO BE PROVIDED)
	C24	Lee, et al., "Pulsed nucleation for ultra-high aspect ratio tungsten plugfill", Novellus Systems, Inc. (2001), pp. 1-2 (ARTICLE ON ORDER – TO BE PROVIDED)
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